



STIC Search Report

EIC 3600

STIC Database Tracking Number: 184667

TO: Vinh Luong
Location: Knox 3C03
Art Unit : 3682
Wednesday, April 12, 2006

Case Serial Number: 10/657954

From: Caryn Wesner-Early
Location: EIC 3600
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Search Notes

If a modification or re-focus of this search is needed, please let me know.

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File 15:ABI/Inform(R) 1971-2006/Apr 11
(c) 2006 ProQuest Info&Learning
File 47:Gale Group Magazine DB(TM) 1959-2006/Apr 12
(c) 2006 The Gale group
File 95:TEME-Technology & Management 1989-2006/Apr W2
(c) 2006 FIZ TECHNIK
File 239:Mathsci 1940-2006/May
(c) 2006 American Mathematical Society
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Apr 12
(c) 2006 The Gale Group
File 624:McGraw-Hill Publications 1985-2006/Apr 11
(c) 2006 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2006/Apr 11
(c) 2006 The Gale Group
File 993:NewsRoom 2003
(c) 2005 Dialog
File 994:NewsRoom 2002
(c) 2005 Dialog
File 995:NewsRoom 2001
(c) 2005 Dialog
File 996:NewsRoom 2000
(c) 2005 Dialog

Set	Items	Description
S1	7835	FLYWHEEL? ? OR FLY()WHEEL? ? OR WHEEL? ?(3N)(REGULAT??? (2N-) (SPEED OR ANGULAR()VELOCITY OR RPM? ? OR REVOLUTION? ?(2W)MI- NUTE))
S2	668856	POLYMER? OR POLYETHYLENE OR POLYBUTYLENE()TERAPHTHALATE? ? OR PBT OR POLYIMIDE? ? OR PI OR POLY()ETHER()ETHER()KETONE OR PEEK OR POLYPROPYLENE OR POLYSTYRENE OR STYROFOAM OR POLYVINY- L()CHLORIDE OR PVC OR POLYTETRAFLUOROETHYLENE
S3	13124554	HUB OR HUBS OR CENTER? ? OR CENTRAL OR PIVOT? ? OR CORE? ?
S4	0	S1(10N)(S2(3N)S3)
S5	0	S1(3S)(S2(3N)S3)
S6	4928	S2(3N)S3
S7	25	S6(S)(FLYWHEEL? OR WHEEL?)
S8	22	S7 NOT PY>2003
S9	22	S8 NOT PD=20030910:20060531
S10	21	RD (unique items)

10/3,K/4 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2006 The Gale group. All rts. reserv.

05482413 SUPPLIER NUMBER: 57607888 (USE FORMAT 7 OR 9 FOR FULL TEXT)
product news.

Maiman, William L.
Entertainment Design, 33, 10, 63
Nov, 1999
ISSN: 1520-5150 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2854 LINE COUNT: 00232

... on Reader Service Card
Rolling With Polyurethane
Hamilton Caster & Manufacturing developed its new Poly-Tech **wheel** series with a crowned tread for easy rolling and a clean, attractive appearance. The **wheels** feature a resilient tread of red polyurethane mechanically bonded to a specially designed white **center** of harder **polypropylene**. The non-marking, contemporary-looking **wheel** has 2" face widths in 4", 5", 6", and 8" diameters. Completing the line are three smaller **wheels** with 1 3/8" face widths in diameters of 3 1/2", 4", and 5
...

...Hamilton Delrin bearing, stainless ball bearings, and straight roller bearings, are available. The Poly-Tech **wheels** may be furnished with swivel and rigid casters made of carbon steel or corrosion-resistant...

10/3,K/5 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
(c) 2006 FIZ TECHNIK. All rts. reserv.

01294702 M99032097536
The design and analysis of a polypropylene hub CBN wheel to suppress grinding chatter
McFarland, DM; Bailey, GE; Howes, TD
Univ. of Connecticut, Storrs, USA
Transactions of the ASME, Journal of Manufacturing Science and Engineering, v121, n1, pp28-31, 1999
Document type: journal article Language: English
Record type: Abstract
ISSN: 1087-1357

The design and analysis of a polypropylene hub CBN wheel to suppress grinding chatter

10/3,K/6 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod. Annou. (R)
(c) 2006 The Gale Group. All rts. reserv.

01195341 Supplier Number: 43080548 (USE FORMAT 7 FOR FULLTEXT)
MAGLINE INTRODUCES NEW NARROW-AISLE HAND TRUCK AND NEW OPTIONS FOR BEVERAGE HANDLING, GENERAL DELIVERY.
News Release, p1
June 16, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade

Word Count: 310

... wheel options include 8" x 2" and 10" x 2" balloon-cushion tires mounted on **polypropylene hubs**. The **wheels** are designed to reduce weight and provide smoother, easier handling over a variety of surfaces...

10/3,K/7 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2006 The Gale Group. All rts. reserv.

02397420 Supplier Number: 44742263 (USE FORMAT 7 FOR FULLTEXT)

BUSINESS & TECHNOLOGY

Report on Defense Plant Wastes, v6, n12, pN/A

June 6, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 327

... 50 states and the U.S. territories. Contact: Rust International, (205) 995-7620.

1 Foster **Wheeler** Development Corp. has been awarded a \$2.3 million contract from the Department of Energy...

...demilitarization activities. Sandia is cooperatively working with the Army's Armament Research, Development, and Engineering **Center** at **Pi** - catinny Arsenal, N.J., the project's sponsor. Contact: FosterWheeler Corp., (908) 713-3072.

Copyright...

10/6/1 (Item 1 from file: 15)
00735368 93-84589
USE FORMAT 7 OR 9 FOR FULL TEXT

1993 Adhesives Age Directory
May 31, 1993 LENGTH: 144 Pages
WORD COUNT: 4684

10/6/2 (Item 1 from file: 47)
06192326 SUPPLIER NUMBER: 79574995 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Put your dog to work Make him a PVC cart.
Nov-Dec, 2001
WORD COUNT: 2460 LINE COUNT: 00168

10/6/3 (Item 2 from file: 47)
05522982 SUPPLIER NUMBER: 58224265 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SCENIC MATERIALS & SUPPLIES.(description of supplies offered by individual companies)
Dec, 1999
WORD COUNT: 5883 LINE COUNT: 00489

10/6/4 (Item 3 from file: 47)
05482413 SUPPLIER NUMBER: 57607888 (USE FORMAT 7 OR 9 FOR FULL TEXT)
product news.
Nov, 1999
WORD COUNT: 2854 LINE COUNT: 00232

10/6/5 (Item 1 from file: 95)
01294702 M99032097536
The design and analysis of a polypropylene hub CBN wheel to suppress grinding chatter
1999

10/6/6 (Item 1 from file: 621)
01195341 Supplier Number: 43080548 (USE FORMAT 7 FOR FULLTEXT)
MAGLINE INTRODUCES NEW NARROW-AISLE HAND TRUCK AND NEW OPTIONS FOR BEVERAGE HANDLING, GENERAL DELIVERY.
June 16, 1992
Word Count: 310

10/6/7 (Item 1 from file: 636)
02397420 Supplier Number: 44742263 (USE FORMAT 7 FOR FULLTEXT)
BUSINESS & TECHNOLOGY
June 6, 1994
Word Count: 327

10/6/8 (Item 1 from file: 993)
0599046534 163G1FG5
Nylon casters. (Mechanical).
Designfax
Saturday, March 1, 2003
WORD COUNT: 110

10/6/9 (Item 2 from file: 993)
0594058227 16341SVL
Nylon casters. (Design Show Products).
Machine Design
Thursday, February 20, 2003
WORD COUNT: 148

10/6/10 (Item 1 from file: 994)
0556048017 160S1GWJ
Chemopetrol doubles polypropylene capacity
Access Czech Republic Business Bulletin
Monday, December 9, 2002
WORD COUNT: 139

10/6/11 (Item 2 from file: 994)
0538045328 15ZN1E8H
Chemopetrol to start new polypropylene unit by end 2002
Access Czech Republic Business Bulletin
Monday, November 4, 2002
WORD COUNT: 164

10/6/12 (Item 3 from file: 994)
0505041010 15XL181K
Corrosive resistant glass-fiber reinforced casters. (Industry coverage: plant operation: material handling).
New Equipment Digest
Sunday, September 1, 2002
WORD COUNT: 68

10/6/13 (Item 4 from file: 994)
0489055961 15WL1QNS
Winkler + Dunnebier. (Machinery & Equipment Review).(Machine for adult incontinence, sanitary napkin production)(Brief Article)(Product Announcement)
Nonwovens Industry
Thursday, August 1, 2002
WORD COUNT: 91

10/6/14 (Item 5 from file: 994)
0473093536 15VL2VAZ
Refinements to an in-situ soil core technique for measuring net nitrogen mineralization in moist, fertilized agricultural soil
Agronomy Journal
Monday, July 1, 2002
WORD COUNT: 4,862

10/6/15 (Item 1 from file: 995)
0347522671 15MR0Q4G
D'addario distributes rock n' roller cart. (Product News).

Music Trades
Thursday, November 1, 2001
WORD COUNT: 226

10/6/16 (Item 2 from file: 995)
0270039416 15GW16HR
Chemopetrol to become central Europe's chief polypropylene producer
Access Czech Republic Business Bulletin
Monday, June 4, 2001
WORD COUNT: 238

10/6/17 (Item 3 from file: 995)
0237058688 15EU1T9Z
Lucifer Lighting Co.(intros Calyx)(Brief Article)(Product Announcement)
Architectural Lighting
Sunday, April 1, 2001
WORD COUNT: 88

10/6/18 (Item 4 from file: 995)
0237057447 15EU1S36
THE END OF EXOTICS.(modern laminates)
Offshore Yachting
Sunday, April 1, 2001
WORD COUNT: 3,629

10/6/19 (Item 5 from file: 995)
0190553149 159X1MWW
Suppliers Listing.
Auto Interiors
Monday, January 1, 2001
WORD COUNT: 22,555

10/6/20 (Item 1 from file: 996)
0116021196 15580NQC
ONE WORD SEPARATES NFL CAMPS FROM SPRING TRAINING THIS CAMP'S A PAIN
Seattle Post-Intelligencer (WA)
Friday, August 11, 2000
WORD COUNT: 1,922

10/6/21 (Item 2 from file: 996)
0017059161 14Z21TSS
Local Heroes.
Runner's World
Tuesday, February 1, 2000
WORD COUNT: 7,362

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File 2:INSPEC 1898-2006/Apr W1
(c) 2006 Institution of Electrical Engineers

File 6:NTIS 1964-2006/Mar W4
(c) 2006 NTIS, Intl Cpyrght All Rights Res

File 8:EI Compendex(R) 1970-2006/Apr W1
(c) 2006 Elsevier Eng. Info. Inc.

File 31:World Surface Coatings Abs 1976-2006/Apr
(c) 2006 PRA Coat. Tech. Cen.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/Apr W1
(c) 2006 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2006/Mar
(c) 2006 ProQuest Info&Learning

File 65:Inside Conferences 1993-2006/Apr 11
(c) 2006 BLDSC all rts. reserv.

File 67:World Textiles 1968-2006/Apr
(c) 2006 Elsevier Science Ltd.

File 94:JICST-EPlus 1985-2006/Jan W3
(c)2006 Japan Science and Tech Corp(JST)

File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Mar
(c) 2006 The HW Wilson Co.

File 144:Pascal 1973-2006/Mar W3
(c) 2006 INIST/CNRS

File 248:PIRA 1975-2006/Mar W3
(c) 2006 Pira International

File 315:ChemEng & Biotec Abs 1970-2006/Mar
(c) 2006 DECHEMA

File 323:RAPRA Rubber & Plastics 1972-2006/Mar
(c) 2006 RAPRA Technology Ltd

File 399:CA SEARCH(R) 1967-2006/UD=14416
(c) 2006 American Chemical Society

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

Set	Items	Description
S1	10827	FLYWHEEL? ? OR FLY()WHEEL? ? OR WHEEL? ?(3N)(REGULAT??? (2N-) (SPEED OR ANGULAR()VELOCITY OR RPM? ? OR REVOLUTION? ?(2W)MI- NUTE))
S2	5499115	POLYMER? OR POLYETHYLENE OR POLYBUTYLENE()TERAPHTHALATE? ? OR PBT OR POLYIMIDE? ? OR PI OR POLY()ETHER()ETHER()KETONE OR PEEK OR POLYPROPYLENE OR POLYSTYRENE OR STYROFOAM OR POLYVINY- L()CHLORIDE OR PVC OR POLYTETRAFLUOROETHYLENE
S3	3831515	HUB OR HUBS OR CENTER? ? OR CENTRAL OR PIVOT? ? OR CORE? ?
S4	1	S1(10N)(S2(3N)S3)
S5	1	S1 AND (S2(3N)S3)
S6	1	S1 AND (S2(5N)S3)
S7	26768	S2(3N)S3
S8	16	S7(10N)(WHEEL? OR FLYWHEEL?)
S9	16	S6 OR S8
S10	15	S9 NOT PY>2003
S11	15	S10 NOT PD=20030910:20060531
S12	12	RD (unique items)

12/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

05267182 E.I. No: EIP99034607793

Title: Design and analysis of a polypropylene hub CBN wheel to suppress grinding chatter

Author: McFarland, D.M.; Bailey, G.E.; Howes, T.D.
Corporate Source: Univ of Connecticut, Storrs, CT, USA
Source: Journal of Manufacturing Science and Engineering, Transactions of the ASME v 121 n 1 Feb 1999. p 28-31
Publication Year: 1999
CODEN: 002391 ISSN: 1087-1357
Language: English

Title: Design and analysis of a polypropylene hub CBN wheel to suppress grinding chatter

12/3,K/3 (Item 1 from file: 323)
DIALOG(R)File 323: RAPRA Rubber & Plastics
(c) 2006 RAPRA Technology Ltd. All rts. reserv.

00881084

TITLE: 'STRETCHY' PLASTIC LETS FLYWHEEL -DRIVEN UPS WHIRL INTO ACTION
SOURCE: Machine Design; 75, No.4, 20th Feb.2003, p.53
ISSN: 0024-9114

CODEN: MADEAP JOURNAL ANNOUNCEMENT: 200305 RAPRA UPDATE: 200308
DOCUMENT TYPE: Journal Article
LANGUAGE: English
SUBFILE: (R) RAPRA

TITLE: 'STRETCHY' PLASTIC LETS FLYWHEEL -DRIVEN UPS WHIRL INTO ACTION
...ABSTRACT: system. The materials include Torlon 4203 polyamide-imide from Quadrant Engineering Plastic Products for the **flywheel** hubs, Techtron PPS (also from Quadrant) for the stators and glass/carbon fibre-reinforced epoxy...
...SUBJECT HEADING (RAPRA): **flywheels**
...DESCRIPTORS: COMPANIES; COMPANY; COMPOSITE; DATA; ELECTRICAL APPLICATION ; ELECTRICAL MOTOR; EPOXIDE RESIN; EPOXY RESIN; FIBRE-REINFORCED PLASTIC; **FLYWHEEL** ; GLASS FIBRE-REINFORCED PLASTIC; GRP; **HUB** ; IMIDE **POLYMER** ; MECHANICAL PROPERTIES; PLASTIC; POLYAMIDE IMIDE; POLYAMIDE-IMIDE; POLYEPOXIDE; POLYIMIDE; POWER SUPPLY; PRODUCT ANNOUNCEMENT; PROPERTIES; REINFORCED...

12/3,K/7 (Item 1 from file: 399)
DIALOG(R)File 399: CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

135047347 CA: 135(4)47347q PATENT
Reinforced vehicle wheels with improved impact resistance
INVENTOR(AUTHOR): Yoshimura, Katsunori
LOCATION: Japan,
ASSIGNEE: Washi Kosan K. K.
PATENT: Japan Kokai Tokkyo Koho ; JP 2001171303 A2 DATE: 20010626
APPLICATION: JP 99358353 (19991217)

PAGES: 5 pp. CODEN: JKXXAF LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: B60B-021/12A; B60B-005/02B; B60B-021/00B; B60B-027/00B

12/6/1 (Item 1 from file: 8)
05267182

Title: Design and analysis of a polypropylene hub CBN wheel to suppress grinding chatter
Publication Year: 1999

12/6/2 (Item 1 from file: 67)
00273648 WORLD TEXTILE NO: 2020151

The velodrome
Industrial Fabric Products Review, 87/12 (20-22), 2002

12/6/3 (Item 1 from file: 323)
00881084

TITLE: 'STRETCHY' PLASTIC LETS FLYWHEEL -DRIVEN UPS WHIRL INTO ACTION

12/6/4 (Item 2 from file: 323)
00593825

TITLE: METHOD FOR MOULDING STEERING WHEELS
PATENT DATE: 19951017

12/6/5 (Item 3 from file: 323)
00447202

TITLE: DEVELOPMENTS IN MARINE COMPOSITES DESIGN

12/6/6 (Item 4 from file: 323)
00078073

TITLE: WHEELS, E.G. OF PVC, FOR TOYS OR SMALL VEHICLES INCLUDING PRAMS AND WHEELBARROWS EQUIVALENT TO DT 2826929

12/6/7 (Item 1 from file: 399)
DIALOG(R)File 399:(c) 2006 American Chemical Society. All rts. reserv.

Reinforced vehicle wheels with improved impact resistance

12/6/8 (Item 2 from file: 399)
DIALOG(R)File 399:(c) 2006 American Chemical Society. All rts. reserv.

Polymer composite containing nickel and tin alloy electrodeposits, and its manufacture

12/6/9 (Item 3 from file: 399)
DIALOG(R)File 399:(c) 2006 American Chemical Society. All rts. reserv.

Tin alloy electroplating in the manufacture of metal-polymer composites

12/6/10 (Item 4 from file: 399)
DIALOG(R)File 399:(c) 2006 American Chemical Society. All rts. reserv.

Abrasive grinding wheel

12/6/11 (Item 5 from file: 399)

DIALOG(R)File 399:(c) 2006 American Chemical Society. All rts. reserv.

Grinding wheel

12/6/12 (Item 6 from file: 399)

DIALOG(R)File 399:(c) 2006 American Chemical Society. All rts. reserv.

Steering wheels

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File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

(c) 2006 JPO & JAPIO

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200624

(c) 2006 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	22166	FLYWHEEL? ? OR FLY()WHEEL? ? OR WHEEL? ?(3N)(REGULAT??? (2N-) (SPEED OR ANGULAR()VELOCITY OR RPM? ? OR REVOLUTION? ?(2W)MI- NUTE))
S2	2001880	POLYMER? OR POLYETHYLENE OR POLYBUTYLENE()TERAPHTHALATE? ? OR PBT OR POLYIMIDE? ? OR PI OR POLY()ETHER()ETHER()KETONE OR PEEK OR POLYPROPYLENE OR POLYSTYRENE OR STYROFOAM OR POLYVINY- L()CHLORIDE OR PVC OR POLYTETRAFLUOROETHYLENE
S3	1837876	HUB OR HUBS OR CENTER? ? OR CENTRAL OR PIVOT? ? OR CORE? ?
S4	0	S1(10N) (S2(3N)S3)
S5	63	S1 AND S2 AND S3
S6	44873	IC=(F16F-015? OR F16F-0015?)
S7	33	S5 AND S6
S8	13760	S2(3N)S3
S9	3	S7 AND S8
S10	3	S1 AND S8
S11	4	S1 AND (S2(5N)S3)
S12	3	S6 AND S11
S13	19	S6 AND S8
S14	20	S11 OR S13
S15	20	IDPAT (sorted in duplicate/non-duplicate order)
S16	17	IDPAT (primary/non-duplicate records only)

16/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

016857338 **Image available**
WPI Acc No: 2005-181620/200519
XRPX Acc No: N05-151533

Coupling structure for torsional vibration damper, has annular insert flange accessible through service ports of hub for applying force to flange, where force applied to flange is transferred to metallic insert

Patent Assignee: EAGLE PICHER INC (EAGP)

Inventor: CRISSY M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050050985	A1	20050310	US 2003657954	A	20030909	200519 B

Priority Applications (No Type Date): US 2003657954 A 20030909

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050050985	A1		7	F16F-015/10	

Abstract (Basic):

... The structure has a metallic insert (14) disposed inward from a **polymer hub** (16). An annular insert flange projects radially outward from another end. The annular insert flange...

... to the flange is transferred to the metallic insert, such that the material forming the **polymer hub** remains substantially stress free. The hub is thus less likely to be damaged during the...

...Annular **polymer hub** (16...

International Patent Class (Main): **F16F-015/10**

16/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

016350401 **Image available**
WPI Acc No: 2004-508305/200449
XRPX Acc No: N04-401855

Torsional vibration absorber for crankshaft of vehicle, designed as cover made of two layers of sheet metal

Patent Assignee: VOLKSWAGEN AG (VOLS)

Inventor: POTT R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10260044	A1	20040708	DE 10260044	A	20021219	200449 B

Priority Applications (No Type Date): DE 10260044 A 20021219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10260044	A1		5	F16F-015/10	

Abstract (Basic):

... the torsional vibration absorber (1) are assembled of two metal layers (8, 10) with a **central** layer of a **polymer** (9) between them.

A single layer (10) covers the central area (4) and two layers...
International Patent Class (Main): **F16F-015/10**

16/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

015409985
WPI Acc No: 2003-472125/200345
XRAM Acc No: C03-126309
XRPX Acc No: N03-375628

Damping material used as improvement agent for synthetic resin used in constructions, has multi-layer polymer particle latex structure with core comprised of polymerization layer(s) and thermoplastic-resin outer layer(s)

Patent Assignee: KURARAY CO LTD (KURS)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002284821	A	20021003	JP 200182964	A	20010322	200345 B

Priority Applications (No Type Date): JP 200182964 A 20010322

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002284821	A	10	C08F-265/06	

... agent for synthetic resin used in constructions, has multi-layer polymer particle latex structure with core comprised of polymerization layer(s) and thermoplastic-resin outer layer(s)

Abstract (Basic):

... Damping material has multi-layer **polymer** particle latex structure. **Core** comprises **polymerization** layer(s) comprising monomer (i) containing (in mass%) acrylate (50-99.99), monofunctional monomer (49...

... Damping material has a multilayer polymer particle latex structure. The **core** comprises rubber component **polymerization** layer(s) formed by copolymerizing monomer mixture (i) consisting of (in mass%) acrylate (50-99...

...International Patent Class (Additional): **F16F-015/02**

16/3,K/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

010299186 ****Image available****
WPI Acc No: 1995-200447/199526
XRAM Acc No: C95-092673
XRPX Acc No: N95-157413

Automobile damped flywheel - has support of reaction plate from central boss by PEEK lined sliding contact bearing so eliminating roller bearing

Patent Assignee: VALEO (VALO)
Inventor: LUCIENNE P
Number of Countries: 018 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9514181	A1	19950526	WO 94FR1333	A	19941115	199526 B
FR 2714949	A1	19950713	FR 9313582	A	19931115	199533
EP 679234	A1	19951102	WO 94FR1333	A	19941115	199548
			EP 95901492	A	19941115	
JP 8505934	W	19960625	WO 94FR1333	A	19941115	199648
			JP 95514258	A	19941115	
US 5732604	A	19980331	WO 94FR1333	A	19941115	199820
			US 95481380	A	19950713	

Priority Applications (No Type Date): FR 9313582 A 19931115

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9514181	A1	F	23 F16F-015/12	
Designated States (National): JP US				
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE				
FR 2714949	A1		21 F16F-015/315	
EP 679234	A1	F	F16F-015/12	Based on patent WO 9514181
Designated States (Regional): DE ES GB IT				
JP 8505934	W		22 F16F-015/123	Based on patent WO 9514181
US 5732604	A		8 F16F-015/134	Based on patent WO 9514181

Automobile damped flywheel - ...

...has support of reaction plate from central boss by PEEK lined sliding contact bearing so eliminating roller bearing

...Abstract (Basic): A damped flywheel, partic. for automobile, of a type having two coaxial masses (1,2) mutually rotatable against...

...Title Terms: FLYWHEEL ;

International Patent Class (Main): F16F-015/12 ...

... F16F-015/123 ...

... F16F-015/134 ...

... F16F-015/315

...International Patent Class (Additional): F16F-015/131

16/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

009460355 **Image available**

WPI Acc No: 1993-153882/199319

XRAM Acc No: C93-068636

XRPX Acc No: N93-117708

Rotor driving disc - has plastic construction to withstand high speed of open-end spinning

Patent Assignee: FREUDENBERG FA CARL (FREU)

Inventor: BRAUN O; SCHUMACHER H

Number of Countries: 010 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 540818	A1	19930512	EP 92110026	A	19920615	199319 B
DE 4136793	C1	19930603	DE 4136793	A	19911108	199322

US 5362160	A	19941108	US 92934141	A	19920824	199444
EP 540818	B1	19950927	EP 92110026	A	19920615	199543
DE 59203830	G	19951102	DE 503830	A	19920615	199549
			EP 92110026	A	19920615	
ES 2078591	T3	19951216	EP 92110026	A	19920615	199606

Priority Applications (No Type Date): DE 4136793 A 19911108

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 540818	A1	G	8	D01H-004/12	
Designated States (Regional): CH DE ES FR GB GR IT LI PT					
DE 4136793	C1		6	D01H-004/12	
US 5362160	A		7	F16C-033/34	
EP 540818	B1	G	8	D01H-004/12	
Designated States (Regional): CH DE ES FR GB GR IT LI PT					
DE 59203830	G			D01H-004/12	Based on patent EP 540818
ES 2078591	T3			D01H-004/12	Based on patent EP 540818

...Abstract (Equivalent): a support ring (3) of elastomeric material fixed on the outer circumference of the said **hub** ring (1) consisting of a **polymeric** material, characterised in that the **hub** ring (1) consists of **polymeric** material which has a modulus of elasticity of from 7000 to 13,000 N/mm2...

...Abstract (Equivalent): The supporting disc for a **flywheel** rotating about a drive-shaft of an open-end spinning machine comprises (a) a hub
...

...USE/ADVANTAGE - For a **flywheel** supporting disc. Economically produced and good rotational symmetry...

16/3,K/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007102245

WPI Acc No: 1987-102242/198715

XRPX Acc No: N87-076873

Pulley wheel with damping element - has rim and hub of hard polymer material and damping element of soft polymer material with spokes to give axial and radial stiffness

Patent Assignee: IND WERK SCHAEFFLER OHG (ISCH)

Inventor: ROHRIG H

Number of Countries: 005 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3535859	A	19870409	DE 3535859	A	19851008	198715 B
EP 218078	A	19870415	EP 86111847	A	19860827	198715
US 4717370	A	19880105	US 86913694	A	19860930	198803

Priority Applications (No Type Date): DE 3535859 A 19851008

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3535859	A		9		
EP 218078	A	G			
Designated States (Regional): DE FR GB IT					
US 4717370	A		9		

... has rim and hub of hard polymer material and damping element of

soft polymer material with spokes to give axial and radial...
International Patent Class (Additional): F16F-015/12 ...

16/3,K/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

003096258

WPI Acc No: 1981-K6307D/198141

Flywheel with bonded fibre rim - has holder linking rim to cup-shaped rings for greater reliability

Patent Assignee: MACH SCIENCE RES IN (MACH-R)

Inventor: GULIA N V; NOVIKOV M E; OCHAN M Y U

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 796577	B	19810115				198141 B

Priority Applications (No Type Date): SU 2736952 A 19790201

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 796577	B		2		

Flywheel with bonded fibre rim...

...Abstract (Basic): A **flywheel**, for use in machinery, is basically as described in Parent Cert. No. 440514 and consists of a rim (1) made up of high-strength fibres such as glass with a **polymer** bond, a **hub** (2), spring-loaded cup-shaped rings (3) connected by their bases (4) to the hub...

...The **flywheel** is designed for greater reliability by incorporating a holder (7) via which the walls (5...

...The **flywheel** rim can be composed of a series of plates which lie in a plane parallel to the **flywheel**'s axis of rotation and bonded together by a polymer. Bul. 2/15.1.81...

Title Terms: **FLYWHEEL** ;

International Patent Class (Additional): F16F-015/30 ...

16/3,K/16 (Item 16 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

05870137 **Image available**
TORQUE ROD BUSH

PUB. NO.: 10-153237 [JP 10153237 A]

PUBLISHED: June 09, 1998 (19980609)

INVENTOR(s): GAMO KAZUAKI

APPLICANT(s): SAITAMA KIKI KK [328743] (A Japanese Company or Corporation),
JP (Japan)

APPL. NO.: 08-310974 [JP 96310974]

FILED: November 21, 1996 (19961121)

INTL CLASS: F16F-015/08 ; B60G-007/02; F16C-011/06

ABSTRACT

...8 is housed in a split mold. An installation shaft 12 is arranged at its **center** . Molten high **polymer** material is charged into a space between a spherical part 11 and the sleeve 22...

16/AN,AZ,TI/1 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

016857338

Coupling structure for torsional vibration damper, has annular insert flange accessible through service ports of hub for applying force to flange, where force applied to flange is transferred to metallic insert
Local Applications (No Type Date): US 2003657954 A 20030909
Priority Applications (No Type Date): US 2003657954 A 20030909

16/AN,AZ,TI/2 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

016350401

Torsional vibration absorber for crankshaft of vehicle, designed as cover made of two layers of sheet metal
Local Applications (No Type Date): DE 10260044 A 20021219
Priority Applications (No Type Date): DE 10260044 A 20021219

16/AN,AZ,TI/3 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015409985

Damping material used as improvement agent for synthetic resin used in constructions, has multi-layer polymer particle latex structure with core comprised of polymerization layer(s) and thermoplastic-resin outer layer(s)
Local Applications (No Type Date): JP 200182964 A 20010322
Priority Applications (No Type Date): JP 200182964 A 20010322

16/AN,AZ,TI/4 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014361556

Felt material for vehicles, has raw material fiber and low melting point thermo-bonding composite fibers formed by forming sheath portion of specific polyethylene resin on core portion of specific polypropylene resin
Local Applications (No Type Date): JP 2000137761 A 20000510
Priority Applications (No Type Date): JP 2000137761 A 20000510

16/AN,AZ,TI/5 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

012939932

Resin composition for damping material, - having high rigidity, thermoresistance and good balance between damping performance and impact strength
Local Applications (No Type Date): JP 98176690 A 19980608
Priority Applications (No Type Date): JP 98176690 A 19980608

16/AN,AZ,TI/6 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

010964472

Polymer particles for resin compsn. used for moulding - consists of polymer core body and polymer shell body having respective specific glass transition temps.

Local Applications (No Type Date): JP 9535160 A 19950223

Priority Applications (No Type Date): JP 9535160 A 19950223

16/AN,AZ,TI/7 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

010299186

Automobile damped flywheel - has support of reaction plate from central boss by PEEK lined sliding contact bearing so eliminating roller bearing

Local Applications (No Type Date): WO 94FR1333 A 19941115; FR 9313582 A 19931115; WO 94FR1333 A 19941115; EP 95901492 A 19941115; WO 94FR1333 A 19941115; JP 95514258 A 19941115; WO 94FR1333 A 19941115; US 95481380 A 19950713

Priority Applications (No Type Date): FR 9313582 A 19931115

16/AN,AZ,TI/8 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

010299185

Automobile damped flywheel - with function device mounted in cavity between disc and reaction plate and support from central boss is PEEK or PTFE coated sliding contact bearing instead of roller bearing

Local Applications (No Type Date): WO 94FR1332 A 19941115; FR 9313581 A 19931115; WO 94FR1332 A 19941115; EP 95901491 A 19941115; WO 94FR1332 A 19941115; JP 95514257 A 19941115; WO 94FR1332 A 19941115; US 95481381 A 19950713; WO 94FR1332 A 19941115; EP 95901491 A 19941115; DE 607754 A 19941115; WO 94FR1332 A 19941115; EP 95901491 A 19941115; EP 95901491 A 19941115

Priority Applications (No Type Date): FR 9313581 A 19931115

16/AN,AZ,TI/9 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

009538452

Laminated metal board for controlling sound and vibration, etc. - comprises polymer resin layer sandwiched between two metal sheets having contact surfaces coated with organic resin layer

Local Applications (No Type Date): JP 91348603 A 19911206

Priority Applications (No Type Date): JP 91348603 A 19911206

16/AN,AZ,TI/10 (Item 10 from file: 350)

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

009460355

Rotor driving disc - has plastic construction to withstand high speed of open-end spinning

Local Applications (No Type Date): EP 92110026 A 19920615; DE 4136793 A 19911108; US 92934141 A 19920824; EP 92110026 A 19920615; DE 503830 A

19920615; EP 92110026 A 19920615; EP 92110026 A 19920615
Priority Applications (No Type Date): DE 4136793 A 19911108

16/AN,AZ,TI/11 (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

008979275

Constrained layer damping structures - include layer of brittle viscoelastic material incorporating rubbery polymer particles
Local Applications (No Type Date): EP 91308411 A 19910913; CA 2050827 A 19910906; US 90587087 A 19900924; JP 91236703 A 19910918
Priority Applications (No Type Date): US 90587087 A 19900924

16/AN,AZ,TI/12 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

007256344

Vibration-proof metal-laminated board - comprises resin core sandwich with pattern of recesses or voids sandwiched between 2 metal sheets
Local Applications (No Type Date): JP 8615875 A 19860129
Priority Applications (No Type Date): JP 8615875 A 19860129

16/AN,AZ,TI/13 (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

007102245

Pulley wheel with damping element - has rim and hub of hard polymer material and damping element of soft polymer material with spokes to give axial and radial stiffness
Local Applications (No Type Date): DE 3535859 A 19851008; EP 86111847 A 19860827; US 86913694 A 19860930
Priority Applications (No Type Date): DE 3535859 A 19851008

16/AN,AZ,TI/14 (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

003989314

Producing torsional vibration absorber - injecting polymer into cavity contg. heavy ring and elastomer ring locked under compression
Local Applications (No Type Date): DE 3242970 A 19821120
Priority Applications (No Type Date): DE 3242970 A 19821120

16/AN,AZ,TI/15 (Item 15 from file: 350)
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

003096258

Flywheel with bonded fibre rim - has holder linking rim to cup-shaped rings for greater reliability
Priority Applications (No Type Date): SU 2736952 A 19790201

16/AN,AZ,TI/16 (Item 16 from file: 347)
DIALOG(R)File 347:(c) 2006 JPO & JAPIO. All rts. reserv.

05870137
TORQUE ROD BUSH

APPL. NO.: 08-310974 [JP 96310974]

16/AN,AZ,TI/17 (Item 17 from file: 347)
DIALOG(R)File 347:(c) 2006 JPO & JAPIO. All rts. reserv.

05658792
EARTHQUAKE ISOLATION STRUCTURE

APPL. NO.: 08-082849 [JP 9682849]

? show files;ds
File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
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(c) 2006 The Gale group
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File 239:Mathsci 1940-2006/May
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 File 636:Gale Group Newsletter DB(TM) 1987-2006/Apr 10
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 File 994:NewsRoom 2002
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 File 995:NewsRoom 2001
 (c) 2005 Dialog
 File 996:NewsRoom 2000
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Set	Items	Description
S1	4	AU='CRISSY M':AU='CRISSY MICHAEL SCOTT'
S2	0	AU='CRISSY, MICHAEL'
S3	1	AU=MICHAEL(2N)CRISSY OR BY=MICHAEL(2N)CRISSY
S4	4	S1:S3
S5	4	S4 FROM 347,348,349,350,371
S6	4	IDPAT (sorted in duplicate/non-duplicate order)
S7	3	IDPAT (primary/non-duplicate records only)

7/3/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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017197983 **Image available**
WPI Acc No: 2005-521610/200553
XRPX Acc No: N05-426069

Damper used to dampen or reduce vibrations, has resilient material that has protrusions extending axially to reduce amount of surface contact between resilient material and hub unit or inertia component

Patent Assignee: CRISSY M S (CRIS-I); METALDYNE CO LLC (META-N)

Inventor: CRISSY M S

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050167213	A1	20050804	US 2004541310	P	20040203	200553 B
			US 2004860871	A	20040604	
WO 200582693	A1	20050909	WO 2004US17784	A	20040604	200559

Priority Applications (No Type Date): US 2004541310 P 20040203; US 2004860871 A 20040604

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050167213	A1		7	B60T-007/12	Provisional application US 2004541310
WO 200582693	A1	E		B60T-001/06	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

7/3/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016857338 **Image available**
WPI Acc No: 2005-181620/200519
XRPX Acc No: N05-151533

Coupling structure for torsional vibration damper, has annular insert flange accessible through service ports of hub for applying force to flange, where force applied to flange is transferred to metallic insert

Patent Assignee: EAGLE PICHER INC (EAGP)

Inventor: CRISSY M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050050985	A1	20050310	US 2003657954	A	20030909	200519 B

Priority Applications (No Type Date): US 2003657954 A 20030909

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050050985	A1		7	F16F-015/10	

7/3/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS
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01974282

**DAMPER AND METHOD FOR TUNING A DAMPER UTILIZING A SURFACE CONTACT REDUCING
RESILIENT MEMBER**

**AMORTISSEUR ET PROCEDE D'AJUSTEMENT D'UN AMORTISSEUR AU MOYEN D'UN ELEMENT
ELASTIQUE DE REDUCTION DE SURFACE DE CONTACT**

PATENT ASSIGNEE:

Metaldyne Company LLC, (4831100), 47603 Halyard Drive, Plymouth, MI 48170
, (US), (Applicant designated States: all)

INVENTOR:

CRISSY , Michael , Scott, 5888 Buckman road, Hanover, MI 49241, (US
PATENT (CC, No, Kind, Date):

WO 2005082693 050909

APPLICATION (CC, No, Date): EP 2004754395 040604; WO 2004US17784 040604

PRIORITY (CC, No, Date): US 541310 P 040203

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): B60T-001/06

LANGUAGE (Publication,Procedural,Application): English; English; English